

CWIC Action Items

☐ INPE Content Type

Looks like the content-type for the INPE response metadata:

<http://www.dgi.inpe.br/cwic/sceneid.php?sceneid=L2MSS55419820201>

is:

Content-Type: application/force-download

which means that the metadata will not display in the browser, it will ask for "save as" instead. You might want to talk to INPE about that. The LS8 metadata:

http://cwic.csiss.gmu.edu:9003/CWICMetaHandler/handler?recordId=Landsat_8:LC81400542013347LGN00

has the correct content type to display in the browser:

Content-Type: text/xml; charset=ISO-8859-1

Archie Warnock - INPE contacted via email 31-January-2014 about implementing the fix at their end.

Archie Warnock - INPE have now implemented the change of content-type for all of their direct URLs

1/28/2014

☐ Can add type attribute in <summary> in Atom

*** Best practice** - if you get a clientId parameter, hand it back but it's not mandatory

- ☐ CWIC OSDD request w/o datasetId will generate an OSDD showing the required parameter
- ☐ Indicate mandatory date/spatial parameters for specific providers in the on-the-fly OSDDs
- ☐ Use HTTP 413 (Request entity too large) to return error for spatial or extent too big

*** Best practice** - Omit startPage and itemsPerPage if totalResults is 0

- ☐ Parse namespace prefix from response in XML; should not be hard-coded in source
- ☐ Check if we can handle multiple browse images (and other links) in remote provider response
- ☐ Check returned mime type of INPE raw metadata link
- ☐ LSI SOAP sends metadata link as metadataUrl and MBR as sceneBounds
- ☐ Add first, last, next, prev links (all of them)
- ☐ Align logging across all CWIC components
- ☐ Send exceptions from connector to mediator, mediator maps exception to CSW-specific or OpenSearch-specific, depending on where the request came from. Delete descriptive text from connector code.

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- ☐ Check on using 'unknown' and 'current' as valid date values
- ☐ clientId parameter should be required to retrieve the CWIC OSDD as well as the IDN OSDD
- ☐ *Testing* - Make sure responses are consistent for mandatory items across all connectors
- ☐ Add OpenSearch to CWIC test pages
- ☐ Need generic CWIC URS profile for IDN mapping table access so changes aren't tied to a particular developer
- ☐ Check for ECHO datasets which a) have DIFs and b) have satellite data but are not tagged as CWIC accessible & contact (via Michael) to see if we can add them to CWIC
- ☐ Do not include ECHO datasets which don't have DIFs
- ☐ Automate interactions with data providers for adding datasets, validation, issue reporting, etc.
- ☐ Notification to data providers of connector errors, testing failures, etc - can we use JIRA API for that or some other process? Evaluate what issues come up, what interactions take place that we can automate.

- ☐ Can we connect USGS git/Stash with NASA JIRA?
- ☐ Review configuration management with Doug
- ☐ - what changes will this push onto GMU team?
- ☐ What does USGS (ie, Pat Kennedy) have in place for failover contingencies for the CWIC servers?
- ☐ UptimeRobot to monitor instances, data providers
- ☐ NewRelic.com as replacement for Google Analytics
- ☐ CrazyEgg for UX metrics, heat maps, etc.
- ☐ Look into spock for Java testing
- ☐ Sharing metrics requirements & information with GCMD